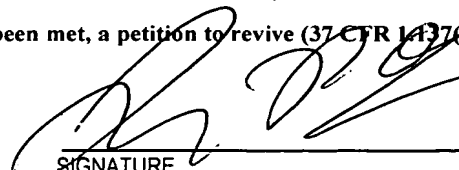


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>FENGER2</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/527 806</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DK2003/000594</b>	INTERNATIONAL FILING DATE <b>September 12, 2003</b>	PRIORITY CLAIMED <b>September 13, 2002</b>
TITLE OF INVENTION <b>METHOD OF RAPID DETECTION OF MUTATIONS AND NUCLEOTIDE POLYMORPHISMS USING CHEMOMETRICS</b>		
APPLICANT(S) FOR DO/EO/US <b>Mogens FENGER</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f) ) as soon as the application is in order for such purpose and the applicable requirements of 35 U.S.C. 371(c) have been complied with.</li> <li>4. <input type="checkbox"/> The US has been elected (Art 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 16. below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable sequence form of the sequence listing in accordance with PCT Rule 13<sup>ter</sup>.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items or information:             <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Courtesy copy of the International Application as filed.</li> <li><input checked="" type="checkbox"/> Courtesy copy of the first page of the International Publication (WO 2004/024949 A2).</li> <li><input checked="" type="checkbox"/> Formal drawings, 22 sheets, Figures 1-20.</li> <li><input checked="" type="checkbox"/> Paper copy only of Sequence Listing.</li> <li><input checked="" type="checkbox"/> The application is (or will be) assigned to: Hvidovre Hospital whose address is Kettegård Allé 30, DK-2650 Hvidovre, Denmark.</li> </ul> </li> </ol>		

U.S. APPLICATION NO. (If known see 37 CFR 1.5) <b>10/527806</b>		International Application No. <b>PCT/DK2003/000594</b>		Attorney's Docket No. <b>FENGER2</b>	
21. The following fees are submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
<input checked="" type="checkbox"/> <b>a) BASIC NATIONAL FEE (37 CFR 1.492(a)).....\$300.00</b> <input type="checkbox"/> <b>b) SEARCH FEE (37 CFR 1.492(b))</b> <input type="checkbox"/> US was International Searching Authority.....\$100.00 <input type="checkbox"/> Other ISR provided to USPTO.....\$400.00 <input type="checkbox"/> All other situations.....\$500.00 <input type="checkbox"/> <b>c) EXAMINATION FEE (37 CFR 1.492 (c))</b> <input type="checkbox"/> IPEA/US gave wholly favorable IPER.....\$100.00 <input type="checkbox"/> All other situations.....\$200.00				\$300.00	
<b>TOTAL OF ABOVE CALCULATIONS :</b>					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$Deferred	
TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE (1.492(g))		
120 - 100	20 /50	1	X \$250.00	Deferred	
CLAIMS		Number Filed	Number Extra	Rate (1.492 (d-f))	
Total Claims		- 20 =		X \$ 50.00	\$Deferred
Independent Claims		- 3 =		X \$200.00	\$
Multiple Dependent Claims (if applicable)				+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$300.00	
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$	
<b>SUBTOTAL =</b>				\$300.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$300.00	
				Amount to be refunded	\$
				charged	\$
<b>Payment Method (check one only)</b>					
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$300.00, is attached.					
c. <input type="checkbox"/> Please charge my Deposit Account No. 02-4035 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
<b>Handling of Fee Deficiencies (check one only)</b>					
<input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4035. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> If a deficiency exists in the basic national fee set by 37 CFR 1.492(a), please charge it to Deposit Account 02-4035. At this time, no authorization is given to charge any other fees.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.437(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
Direct all correspondence to the address associated with <b>CUSTOMER NUMBER 001444</b> , which is currently:					
<b>BROWDY AND NEIMARK, P.L.L.C.</b> <b>624 NINTH STREET, N.W., SUITE 300</b> <b>WASHINGTON, D.C. 20001</b> <b>TEL: (202) 628-5197</b> <b>FAX: (202) 737-3528</b> Date of this submission: <b>March 14, 2005</b>					
				SIGNATURE  <b>Iver P. Cooper</b> NAME <b>28,005</b> REGISTRATION NUMBER <b>IPC:lmh</b>	